

Pesticide Applicator Training

February 1, 2017
Fire Hall, Chester, MT

To register, contact: Jesse Fulbright at 759-5625 or jlf@montana.edu.



Schedule

Morning Session

8:30 a.m. Registration

9:00 a.m. Understanding Your Pesticide Applicator License and Product Labels

Jesse Fulbright, Liberty County Extension Agent

Attendees will learn the definition of a restricted use pesticide, how to read your license number, why being licensed is important, how to stay certified, pesticide fees, where fees are kept and what attendees can do with their license. Also covered will be how to read and understand the product label. Active/inert ingredients, product rate and signal words will be some of the topics covered regarding pesticide product labels.

10:00 a.m. Pesticide Safety & Handling

Nicole Gray, Hill County Extension Agent

Attendees will learn the difference between acute and chronic toxicity, the routes of exposure, pesticide formulations, applicator safety, difference between liquid and dry formulations, signal words, LD50, how your body processes toxic substances, how to protect yourself with personal protective equipment, laundering pesticide contaminated clothing, proper pesticide storage and reading and understanding the pesticide label.

11:00 a.m. Break

11:15 a.m. Pesticides in the Environment

Kari Lewis, Glacier County Extension Agent

This presentation will feature pesticide properties in regards to environmental contamination, solubility, soil binding capabilities, how pesticides behave in the soil, drift, volatilization, how nozzles and pressure contribute to drift, degradation and other pest and pesticide related topics.

12:15 p.m. Lunch

Continued on reverse side

Afternoon Session

- 1:15 p.m. Pertinent Pesticide Laws**
Michaela Hystad, Montana Dept. of Agriculture
Learn about the Worker Protection Standard; Federal Insecticide, Fungicide and Rodenticide Act; Montana Pesticides Act; other Montana laws and regulations and federal recordkeeping requirements.
- 2:15 p.m. Calibration of Backpack, Boom and Broad Jet Sprayers**
Cecil Tharp, M.S.U. Extension Pesticide Education Specialist
Attendees will learn about the calibration strip method, determining nozzle output, how to read a nozzle specification sheet, understand the effects of speed and pressure, calculate how many acres can you spray with a given volume, calculate how much pesticide do you add to the tank, what useful conversions to know, use calibration formulas to use in your pesticide records, and participate in some calibration exercise.
- 3:45 p.m. Break**
- 4:00 p.m. Integrated Pest Management**
Tyler Lane, Chouteau County Extension Agent
Attendees will learn about the benefits of integrated pest management, economic threshold, economic injury level, monitoring techniques, pest identification, control methods and resistance management. Current pest issues will also be discussed.
- 5:00 p.m. Montana Private Applicator Certification Review and Exam**
Open book, ungraded quiz. Materials will be provided for new applicants



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